

Min-Kyo Seo

List of Publications by Year in descending order

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papers

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citations

331538

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233338

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72
docs citations

72
times ranked

3351
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase. ACS Applied Materials & Interfaces, 2022, 14, 4409-4416.	4.0	5
2	Full three-dimensional wavelength-scale plasmomechanical resonator. Optics Letters, 2021, 46, 1317.	1.7	3
3	Study of magnon-phonon non-equilibrium in a magnetic insulator-Thulium iron garnet. Applied Physics Letters, 2021, 119, 152406.	1.5	0
4	Optical Excitation and Detection of Picometer-Order Longitudinal Motion in Sub-Åµm Plasmomechanical Resonator. , 2021, , .		0
5	Experimental Probing of Canonical Electromagnetic Spin Angular Momentum Distribution via Valley-Polarized Photoluminescence. Physical Review Letters, 2021, 127, 223601.	2.9	1
6	Plasmonic Photonic Crystal Mirror for Long-Lived Interlayer Exciton Generation. ACS Photonics, 2021, 8, 3619-3626.	3.2	5
7	Extreme anti-reflection enhanced magneto-optic Kerr effect microscopy. Nature Communications, 2020, 11, 5937.	5.8	21
8	Optical Metasurface-Based Holographic Stereogram. Advanced Optical Materials, 2020, 8, 1901970.	3.6	10
9	Broadband two-dimensional hyperbolic metasurface for on-chip photonic device applications. Optics Letters, 2020, 45, 2502.	1.7	9
10	Extraordinary optical transmission and second harmonic generation in sub-10-nm plasmonic coaxial aperture. Nanophotonics, 2020, 9, 3295-3302.	2.9	6
11	Reconfigurable Periodic Liquid Crystal Defect Array via Modulation of Electric Field. Advanced Materials Technologies, 2019, 4, 1900454.	3.0	29
12	Intra-nanogap controllable Au plates as efficient, robust, and reproducible surface-enhanced Raman scattering-active platforms. RSC Advances, 2019, 9, 13007-13015.	1.7	3
13	Enhancement of Magneto-optic Kerr effect of YIG nanoparticle by backscattering suppression. Journal of Nonlinear Optical Physics and Materials, 2019, 28, 1950043.	1.1	1
14	Fabrication and near-field visualization of a wafer-scale dense plasmonic nanostructured array. RSC Advances, 2018, 8, 6444-6451.	1.7	8
15	Near-Ultraviolet Structural Colors Generated by Aluminum Nanodisk Array for Bright Image Printing. Advanced Optical Materials, 2018, 6, 1800231.	3.6	9
16	Selective Pump Focusing on Individual Laser Modes in Microcavities. ACS Photonics, 2018, 5, 2791-2798.	3.2	10
17	Measurements of polarization-dependent angle-resolved light scattering from individual microscopic samples using Fourier transform light scattering. Optics Express, 2018, 26, 7701.	1.7	10
18	Long-range surface plasmon polariton detection with a graphene photodetector. Optics Letters, 2018, 43, 2889.	1.7	12

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19	Resonant light scattering properties of a single wavelength-scale nanorod structure. , 2018, , .		0
20	Switching of Photonic Crystal Lasers by Graphene. Nano Letters, 2017, 17, 1892-1898.	4.5	23
21	Nanogapâ€Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. Advanced Functional Materials, 2017, 27, 1701832.	7.8	86
22	Quantitative and Isolated Measurement of Far-Field Light Scattering by a Single Nanostructure. Physical Review Applied, 2017, 8, .	1.5	9
23	Microstructured Air Cavities as High-Index Contrast Substrates with Strong Diffraction for Light-Emitting Diodes. Nano Letters, 2016, 16, 3301-3308.	4.5	42
24	Resonant magneto-optic Kerr effects of a single Ni nanorod in the Mie scattering regime. Optics Express, 2016, 24, 16904.	1.7	5
25	Far-field Measurement of single gold nanorod scattering using total-internal-reflection illumination. , 2015, , .		0
26	Shape-Dependent Light Scattering Properties of Subwavelength Silicon Nanoblocks. Nano Letters, 2015, 15, 1759-1765.	4.5	78
27	Resonant light scattering from a single dielectric nano-antenna formed by electron beam-induced deposition. Scientific Reports, 2015, 5, 10400.	1.6	7
28	Full three-dimensional power flow analysis of single-emitterâ€plasmonic-nanoantenna system. Optics Express, 2015, 23, 11080.	1.7	6
29	Far-field Scattering Measurement of a Single Gold Nanorod Using Total-Internal-Reflection Illumination. , 2015, , .		0
30	Ultraâ€Specific Zeptomole MicroRNA Detection by Plasmonic Nanowire Interstice Sensor with Biâ€Temperature Hybridization. Small, 2014, 10, 4200-4206.	5.2	19
31	Subwavelength imaging in the visible range using a metal coated carbon nanotube forest. Nanoscale, 2014, 6, 5967-5970.	2.8	4
32	A twin-free single-crystal Ag nanoplate plasmonic platform: hybridization of the optical nano-antenna and surface plasmon active surface. Nanoscale, 2014, 6, 514-520.	2.8	11
33	Au@Polymer Coreâ€Shell Nanoparticles for Simultaneously Enhancing Efficiency and Ambient Stability of Organic Optoelectronic Devices. ACS Applied Materials & Interfaces, 2014, 6, 16956-16965.	4.0	71
34	Electrically driven subwavelength optical nanocircuits. Nature Photonics, 2014, 8, 244-249.	15.6	219
35	Size-Controlled Nanoparticle-Guided Assembly of Block Copolymers for Convex Lens-Shaped Particles. Journal of the American Chemical Society, 2014, 136, 9982-9989.	6.6	132
36	Au@Ag Coreâ€Shell Nanocubes for Efficient Plasmonic Light Scattering Effect in Low Bandgap Organic Solar Cells. ACS Nano, 2014, 8, 3302-3312.	7.3	228

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37	Plasmonic Forward Scattering Effect in Organic Solar Cells: A Powerful Optical Engineering Method. Scientific Reports, 2013, 3, .	1.6	215
38	A Double-Strip Plasmonic Waveguide Coupled to an Electrically Driven Nanowire LED. Nano Letters, 2013, 13, 772-776.	4.5	40
39	Design of plasmonic nano-antenna for total internal reflection fluorescence microscopy. Optics Express, 2013, 21, 23036.	1.7	9
40	Electrically driven nanobeam laser. Nature Communications, 2013, 4, .	5.8	83
41	Electrically Driven Nanobeam Photonic Crystal Laser. , 2013, , .		0
42	Antenna electrodes for controlling electroluminescence. Nature Communications, 2012, 3, 1005.	5.8	32
43	Topotaxial Fabrication of Vertical Au _x Ag _{1-x} Nanowire Arrays: Plasmon-Active in the Blue Region and Corrosion Resistant. Small, 2012, 8, 1527-1533.	5.2	12
44	Rainbow Radiating Single-Crystal Ag Nanowire Nanoantenna. Nano Letters, 2012, 12, 2331-2336.	4.5	34
45	Power flow from a dipole emitter near an optical antenna. Optics Express, 2011, 19, 19084.	1.7	27
46	Low-power nano-optical vortex trapping via plasmonic diabolo nanoantennas. Nature Communications, 2011, 2, 582.	5.8	108
47	Polarization-resolved far-field measurement of single-cell photonic crystal lasing modes. Applied Physics Letters, 2011, 98, .	1.5	6
48	Full Three-Dimensional Subwavelength High-Q Surface-Plasmon-Polariton Cavity. Nano Letters, 2009, 9, 4078-4082.	4.5	60
49	Characteristics of dielectric-band modified single-cell photonic crystal lasers. Optics Express, 2009, 17, 1679.	1.7	8
50	Polarized vertical beaming of an engineered hexapole mode laser. Optics Express, 2009, 17, 6074.	1.7	19
51	Wavelength-scale photonic-crystal laser formed by electron-beam-induced nano-block deposition. Optics Express, 2009, 17, 6790.	1.7	16
52	Two-dimensionally relocatable microfiber-coupled photonic crystal resonator. Optics Express, 2009, 17, 13009.	1.7	13
53	A Black Metal-dielectric Thin Film for High-contrast Displays. Journal of the Korean Physical Society, 2009, 55, 501-507.	0.3	17
54	Plasmon-suppressed vertically-standing nanometal structures. Optics Express, 2008, 16, 1951.	1.7	8

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55	Controlled sub-nanometer tuning of photonic crystal resonator by carbonaceous nano-dots. Optics Express, 2008, 16, 9829.	1.7	13
56	Elimination of cross-talk in waveguide intersections of triangular lattice photonic crystals. Optics Express, 2008, 16, 11399.	1.7	10
57	Reconfigurable photonic crystal resonators. , 2008, , .		0
58	Ultra-small Photonic Crystal Lasers Near Communication Wavelengths. , 2008, , .		0
59	Modal Characteristics in a Single-Nanowire Cavity with a Triangular Cross Section. Nano Letters, 2008, 8, 4534-4538.	4.5	38
60	Spatial and spectral nano-control of photonic crystal lasers. , 2008, , .		0
61	Ultrasmall square-lattice zero-cell photonic crystal laser. Applied Physics Letters, 2008, 93, 011104.	1.5	25
62	Polarization-selective resonant photonic crystal photodetector. Applied Physics Letters, 2008, 93, .	1.5	19
63	Unidirectional emission of a single-cell photonic-crystal deformed hexapole mode laser. , 2008, , .		0
64	Ultrasmall square-lattice zero-cell photonic crystal laser. , 2008, , .		0
65	Low threshold current single-cell hexapole mode photonic crystal laser. Applied Physics Letters, 2007, 90, 171122.	1.5	54
66	Electrically Pumped Photonic Crystal Lasers. , 2007, , .		0
67	Reconfigurable microfiber-coupled photonic crystal resonator. Optics Express, 2007, 15, 17241.	1.7	20
68	Electrically-driven single hexapole mode photonic crystal laser using parity-selective mirrors. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
69	Characteristics of electrically driven two-dimensional photonic crystal lasers. IEEE Journal of Quantum Electronics, 2005, 41, 1131-1141.	1.0	61
70	Nonlinear dispersive three-dimensional finite-difference time-domain analysis for photonic-crystal lasers. Optics Express, 2005, 13, 9645.	1.7	17